

## EXPLANATION OF PROBLEMS AND MANAGEMENT DIAGRAMS

Diagrams 1 and 2 organize the numerous problems and management issues that were identified at the first round of public meetings held in five locations along Maine's coast in 2005. The purpose of the diagrams is to portray information in a simply manner and to help us move forward from identifying problems to determining how best to address them.

### **Diagram 1: Causes and Symptoms of Problems on the Maine Coast**

There were over 500 problems, issues and concerns identified at the initial public meetings (see "Problems and Concerns Along Maine's Coast"). Although some problems are common to many bays, the specific mix of problems is unique to each specific area or bay. Further, the information collected in the 2005 meetings was a snapshot of the problems present at the time. It is fully expected that the problems faced by an area will continue to evolve, and that management solutions should be structured to anticipate, to the degree possible, future needs. Thus, the aim of Diagram 1 is to help us identify and address the *causes* of a wide range of problems.

- ⇒ At the bottom of the page in the gray boxes labeled "Example Symptoms" are a few of the problems identified at the public meetings.
- ⇒ The blue boxes in the middle of the diagram labeled "Immediate Causes" show the four causes that result in all of the identified problems.
- ⇒ At the top of the page, in the tan boxes, are the "Ultimate Causes" of the problems. The ultimate causes regarding the public trust and changing demographics are difficult to address or control. In contrast, the ultimate cause labeled "Inadequate management" is an area in which we could make changes. The concepts in this box are expanded upon in Diagram 2.

### **Diagram 2: Management Issues in Coastal Maine**

This diagram illustrates the management concerns we heard at the public meetings and focuses on possible ways to improve upon them. The potential improvements described on the diagram are not meant to be a comprehensive list, but rather are intended to generate discussion.

- ⇒ The purple boxes at the top of the diagram show five aspects of the existing management system that could be improved.
- ⇒ The yellow boxes are "Changes to the existing management structure" as suggested by the public and the bay management project staff. While these examples may require statutory or regulatory changes, they are meant to be modifications to the existing management structure. Bay management could be a combination of a number of these type of changes to the existing structure.
- ⇒ The blue box at the bottom of the page sets forth "Shifts to new forms of management." These options represent wholesale shifts to new forms of management.